

**Autumnwood ESH Consultants, LLC**

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Mount Pleasant, Wisconsin 53403
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5 June 2013

Mr. John Nordine
U.S. EPA Region 5
RCRA Enforcement and Compliance Assurance Branch (LU-9J)
77 West Jackson Boulevard
Chicago, Illinois 60604

Re: Central Wire, Union, Illinois Monthly Progress Report for May 2013

Dear Mr. Nordine:

Enclosed please find the Monthly Progress Report for the Central Wire facility located in Union, Illinois for the month of May 2013.

The eDMR for the groundwater pump and treat facility for May 2013 and the groundwater elevation data for monitoring well DGW-2I are also included in this report.

If you have any comments or questions regarding the progress of this project, please do not hesitate to call me at (262) 237-1130.

Sincerely,
Autumnwood ESH Consultants, LLC

John W. Thorsen, P.E.

JWT:jt

encl

cc:	Joyce Munie	IEPA
	Robert Kay	USGS
	Gerald W. Ruopp	Central Wire
	Henry Lopes	Central Wire
	Robert Johnson	Central Wire

MONTHLY PROGRESS REPORT
Central Wire Union, Illinois Site
May 2013

1. **Progress Made This Reporting Period** – This reporting period Central Wire continued the operation and maintenance of the groundwater extraction and treatment system. Central Wire treated an average of 662,000 gallons per day and met effluent limitations for pH; 1,1,1-TCA; TCE and PCE.

The electronic Discharge Monitoring Report (eDMR) for May 2013 is attached to this report.

The groundwater level monitoring data from downgradient monitoring well DGW-2I is currently being collected for 2013. Central requested that EPA terminate the requirement to continue monitoring water levels and irrigation well pumping at [Ex. 6 Personal Privacy (PP)] since: 1.) Irrigation pumping does not appear to have impacted the chlorinated plume's movement and 2.) use of the main irrigation well on [Ex. 6 Personal Privacy (PP)] has been terminated since [Ex. 6 Personal Privacy (PP)] has terminated the [] growing operation at that facility. It is still growing golf course turf grasses on the north side of the property and they are still using the [Ex. 6 Personal Privacy (PP)] well.

[Ex. 6 Personal Privacy (PP)] utilized the [Ex. 6 Personal Privacy (PP)] well for 42 hours in May 2013 as shown in the table below

Summary of May 3013 Irrigation at [Ex. 6 Personal Privacy (PP)]

Date of Hour Meter Reading	[Ex. 6 Personal Privacy (PP)] Pump		[Ex. 6 Personal Privacy (PP)] Pump	
	Hour Meter Reading	Hours Pumped	Hour Meter Reading	Hours Pumped
5/1/2013		0	2700	0
5/6/2013		0	2706	6
5/13/2013		0	2714	8
5/20/2013		0	2734	20
5/28/2013		0	2738	4
16/3/2013		0	2742	4
Totals		0		42

The groundwater elevation recorded data is in a file attached to this report. It provides the groundwater elevations reported in feet above mean sea level and the precipitation that occurred on that day. At the bottom of that file is a graph showing the changes in groundwater elevations over the month, when the precipitation occurred and in what week the [Ex. 6 Personal Privacy (PP)] pump was used (hours of use) for [Ex. 6 Personal Privacy (PP)] well.

On May 10, 2013 Central Wire submitted responses to EPA comments on the 2012 plume investigation and on data presentation for the RCRA monitoring wells and Geoprobe well points over time.

2. **Summary of Validated Data and Results** – No samples were collected in May 2013. Data presentations and graphs of trends in VOC concentrations over time were revised as requested by EPA and submitted on May 10, 2013.
3. **Upcoming Events/Activities Planned** – The existing remediation systems will continue to operate as planned.

The next sampling event will be the semi-annual sampling of the RCRA groundwater monitoring wells and the residential wells along Illinois Route 176 on June 10 & 11, 2013.

4. **Anticipated Problem Areas and Recommended Solutions** – None.
5. **Key Personnel Changes** – None.
6. **Target and Actual Completion Dates** – This project has not deviated from the project schedule.